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S-114 25 Stockholm (SE). ERIKSSON, Tove [SE/SE]; Malmgårdsvägen 20, S-116 38 Stockholm (SE). GUN-  
NERIUSSON, Elin [SE/SE]; Ugglevägen 11, S-181 56  
Lidingö (SE). NILSSON, Fredrik [SE/SE]; Österlång-  
gatan 20, S-111 31 Stockholm (SE).

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(74) Agent: AWAPATENT AB; Box 45086, S-104 30 Stockholm (SE).

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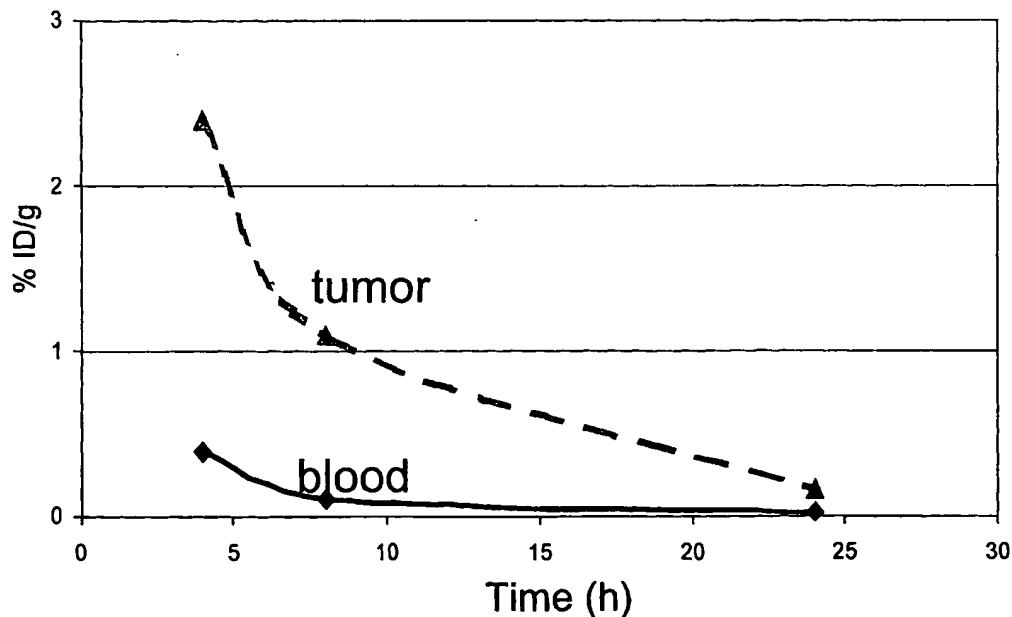
(71) Applicant (for all designated States except US): AFFI-BODY AB [SE/SE]; Box 20137, S-161 02 Bromma (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CARLSSON, Jörgen [SE/SE]; Karlsrogatan 50, S-752 39 Uppsala (SE). STÅHL, Stefan [SE/SE]; Rådmansgatan 4, 5tr,

[Continued on next page]

(54) Title: POLYPEPTIDES HAVING BINDING AFFINITY FOR HER2



(57) Abstract: A polypeptide is provided, which has a binding affinity for HER2 and which is related to a domain of staphylococcal protein A (SPA) in that the sequence of the polypeptide corresponds to the sequence of the SPA domain having from 1 to about 20 substitution mutations. Nucleic acid encoding the polypeptide, as well as expression vector and host cell for expressing the nucleic acid, are also provided. Also provided is the use of such a polypeptide as a medicament, and as a targeting agent for directing substances conjugated thereto to cells overexpressing HER2. Methods, and kits for performing the methods, are also provided, which methods and kits rely on the binding of the polypeptide to HER2.

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